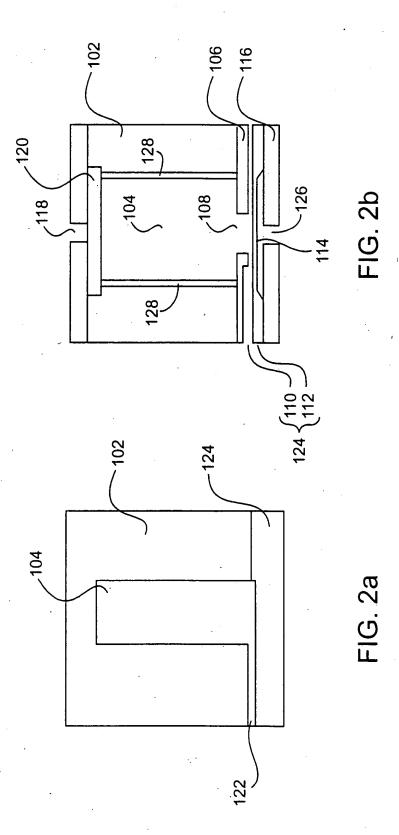


FIG.



DWYSLAST. LESLOO

FIG. 2a & 2b

FIG. 3

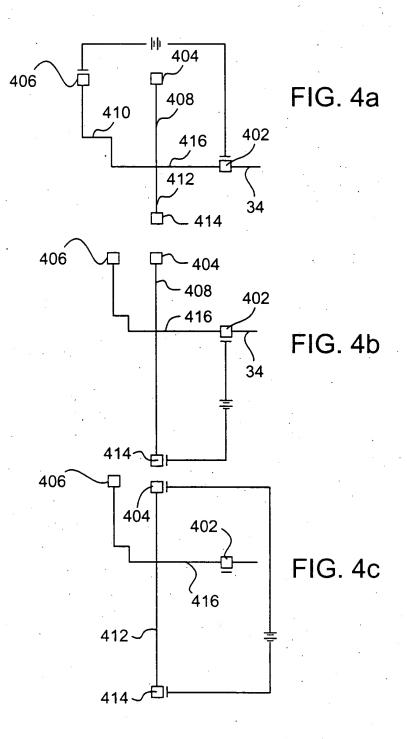


FIG. 4a-4c

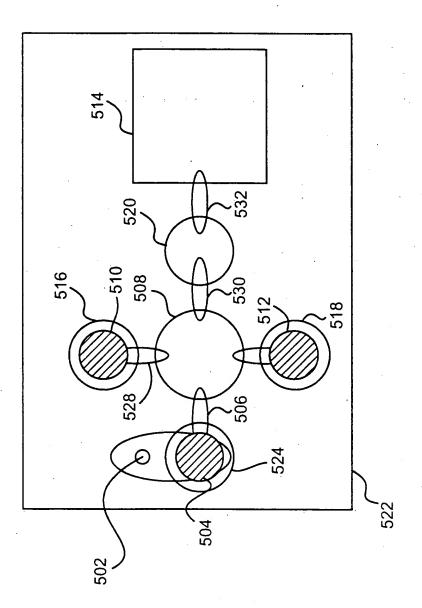


FIG. 5a

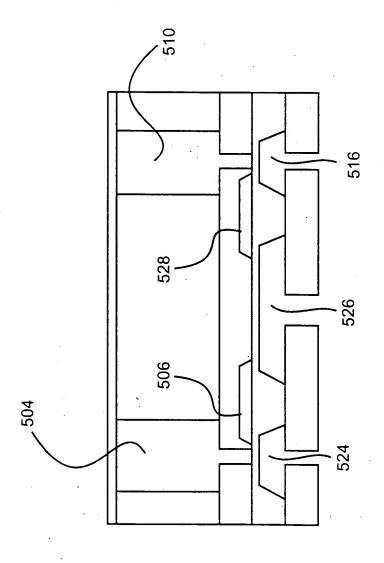


FIG. 5b

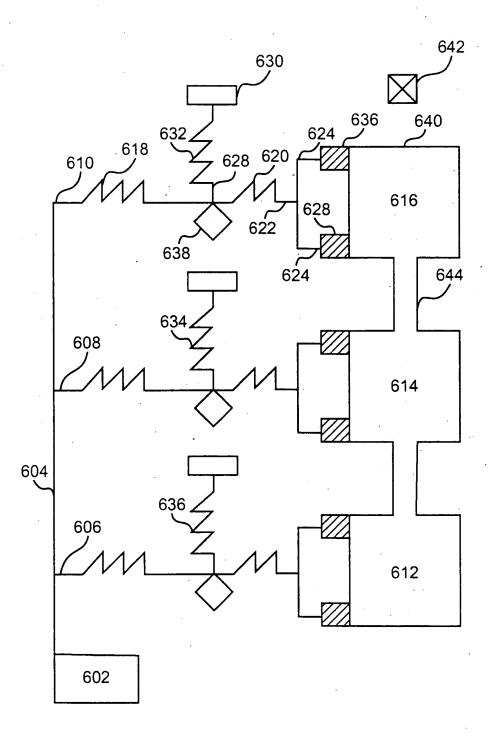


FIG. 6a

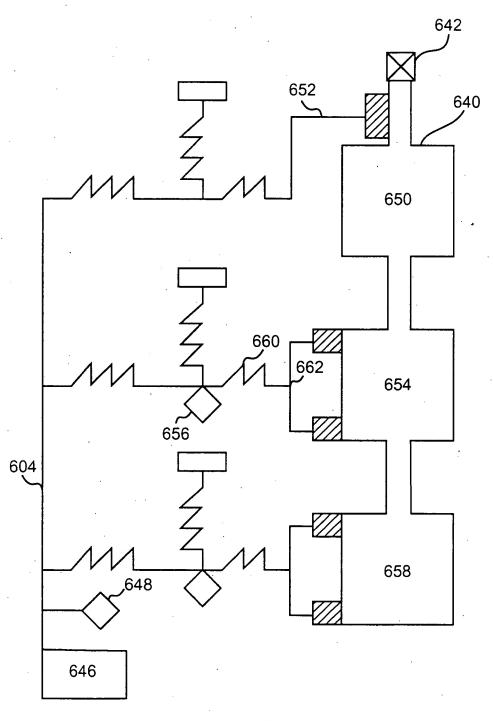
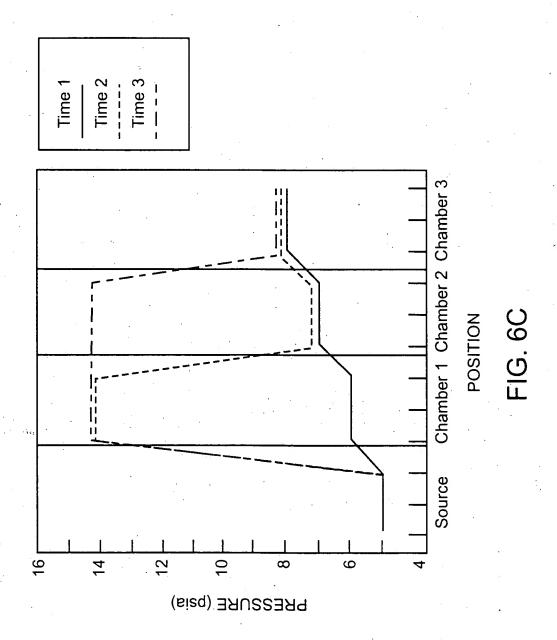
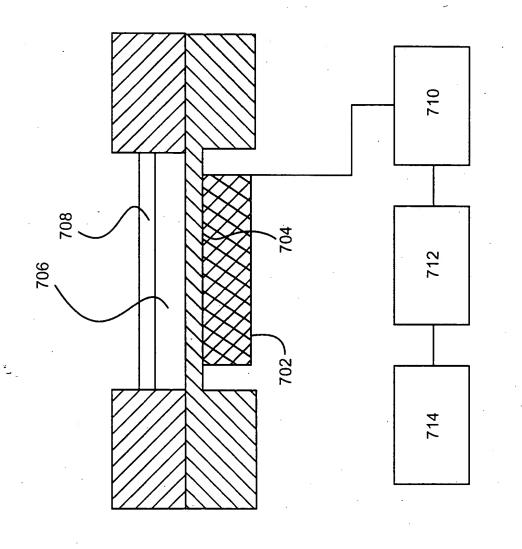


FIG. 6b





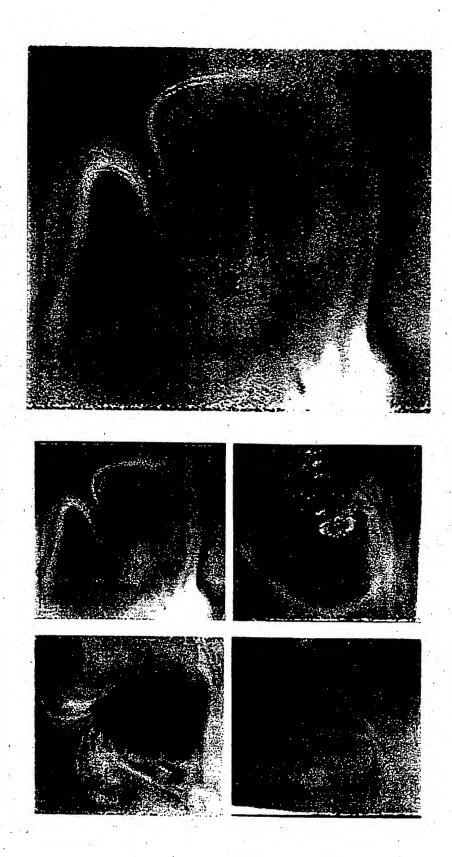


FIG. 7B

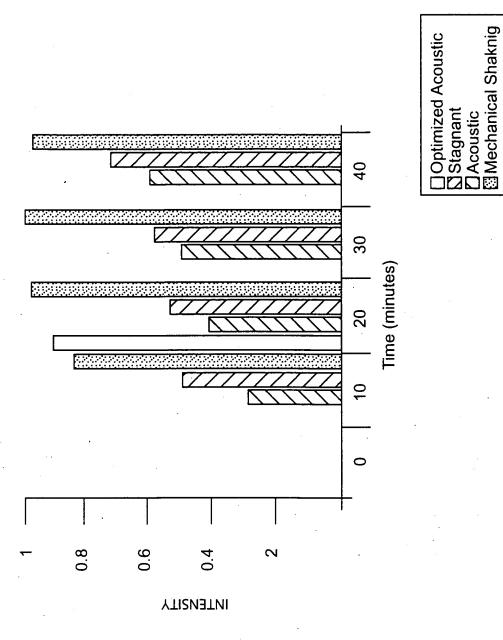


FIG. 7c

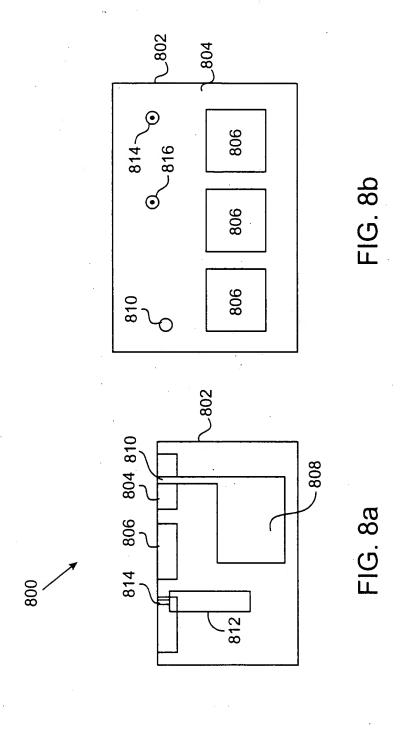
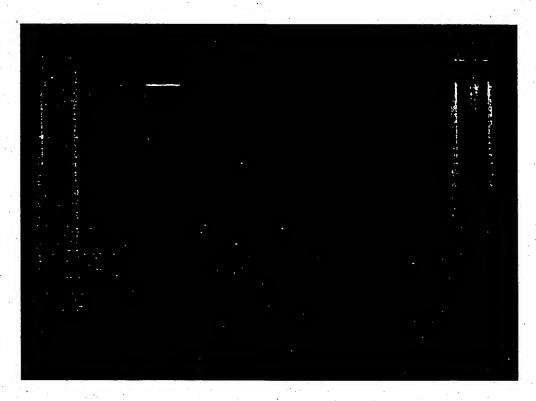


FIG. 8a & 8b

t = 0 5 10 30 60 120 minutes



Correct Call Rates:

74% 95.8% 95.9% 95.9% 95.5% 83%

FIG. 9a

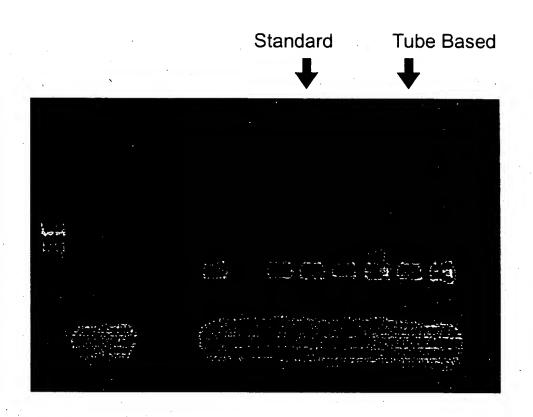


FIG. 9b

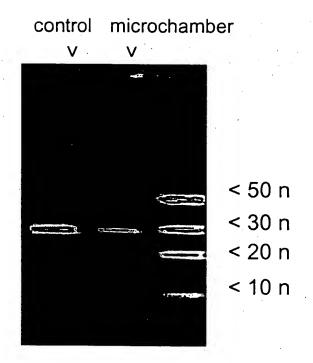


FIG. 9c

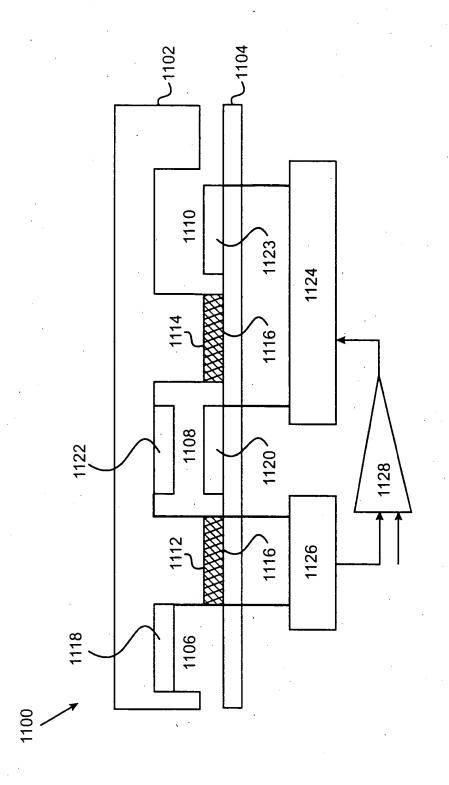


FIG. 10

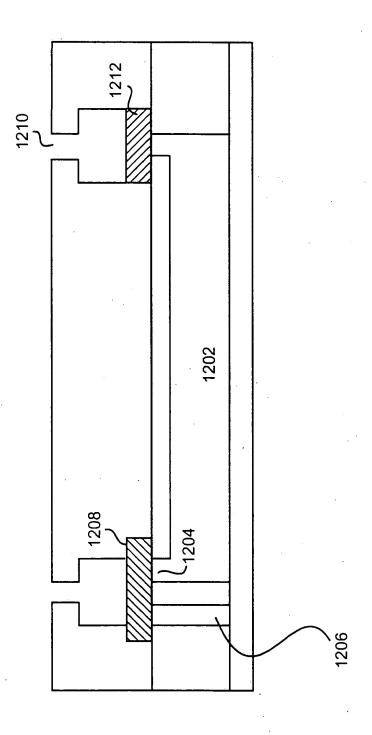


FIG. 11A

FIG. 11b

FIG. 11c

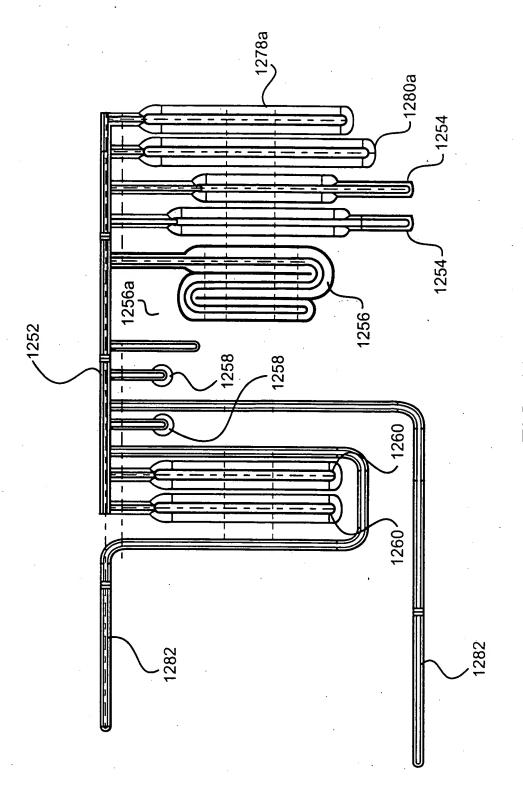
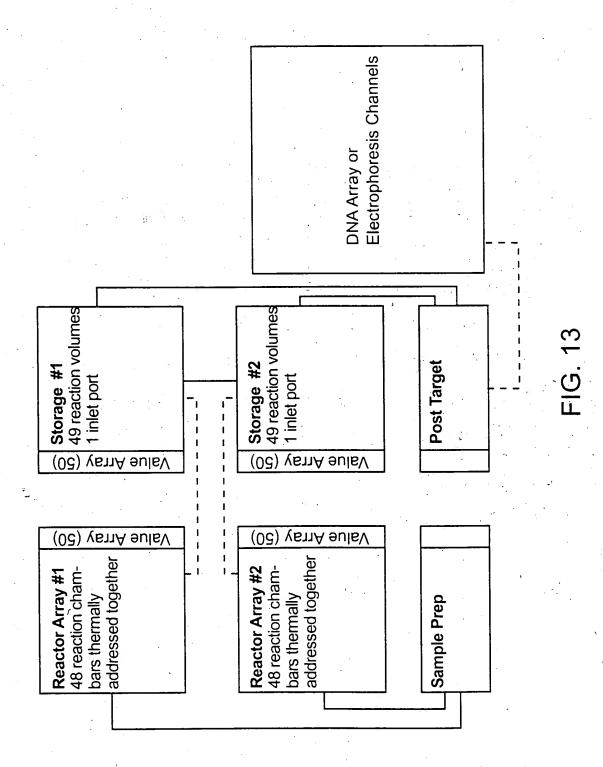


FIG. 11d

FIG. 12



The first think then the first of the first

FIG. 14a

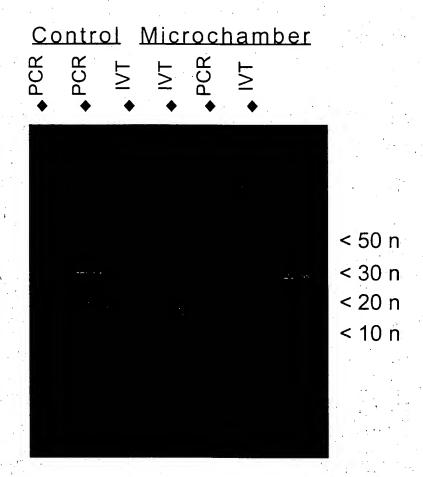


FIG. 14b

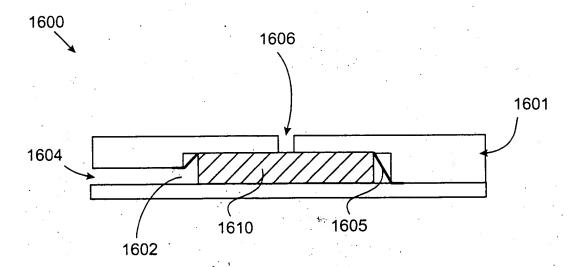


FIG. 15

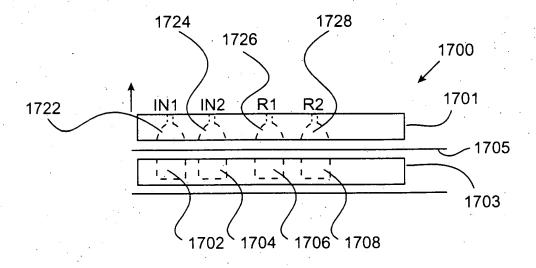
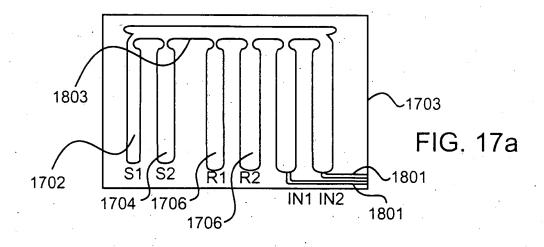
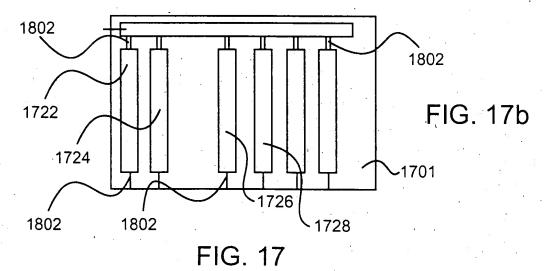


FIG. 16





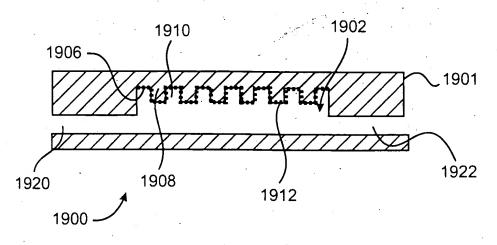


FIG. 18

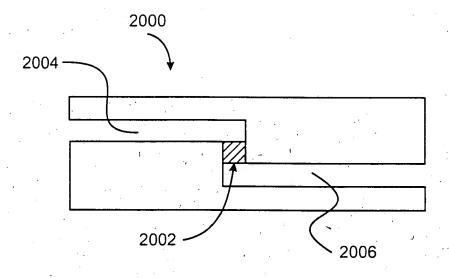


FIG. 19

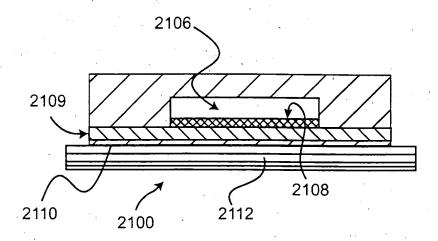


FIG. 20



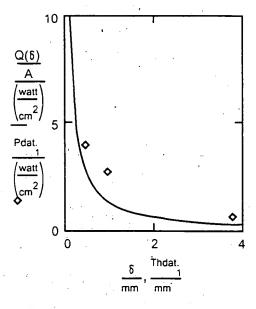


FIG. 21a

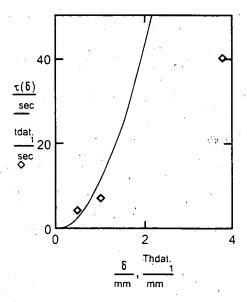


FIG. 21b

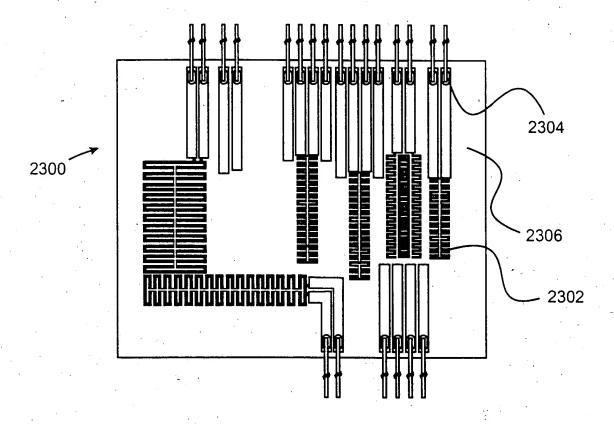


FIG. 22

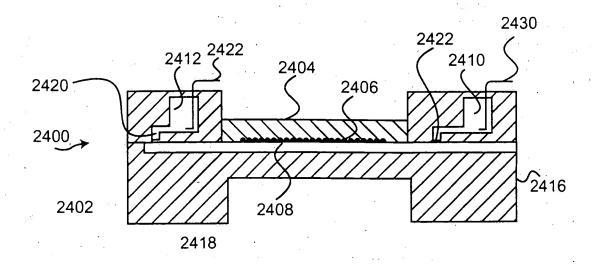


FIG. 23

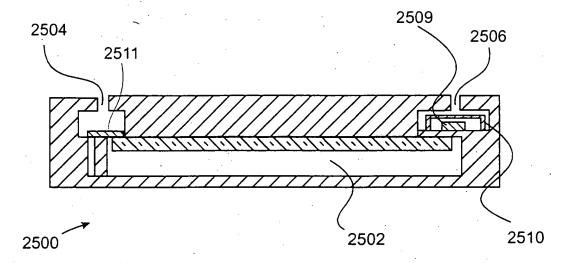
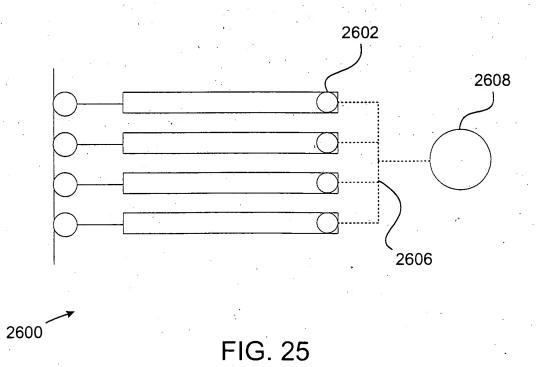


FIG. 24



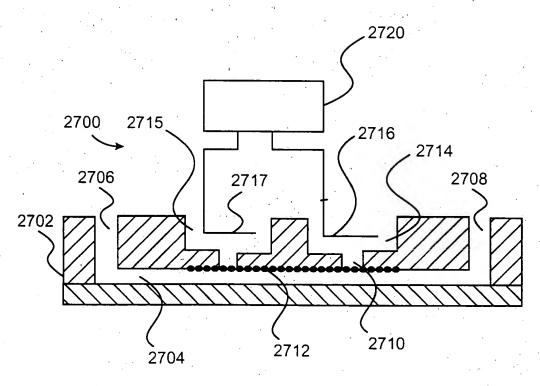


FIG. 26

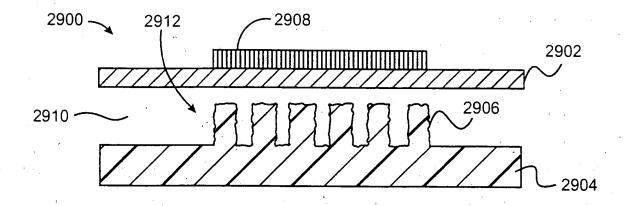


FIG. 27

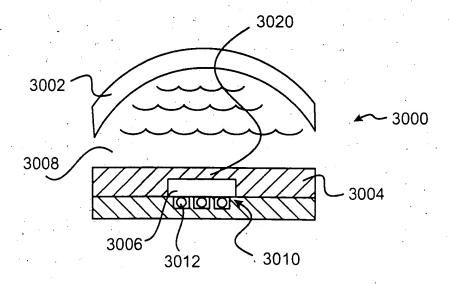


FIG. 28

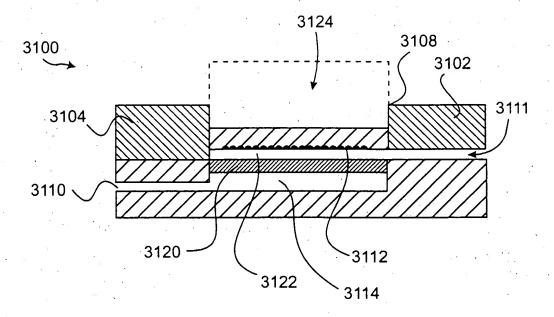


FIG. 29

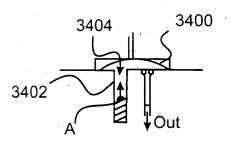


FIG. 30a

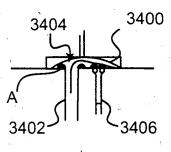


FIG. 30b

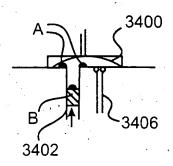


FIG. 30c

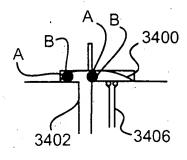


FIG. 30d

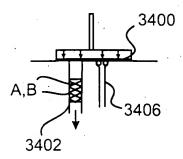
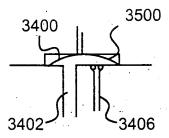


FIG. 30e



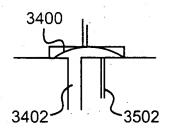


FIG. 31a

FIG. 31b

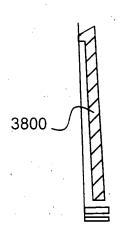
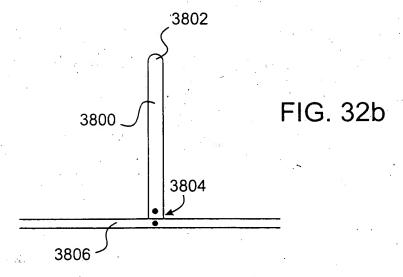


FIG. 32a



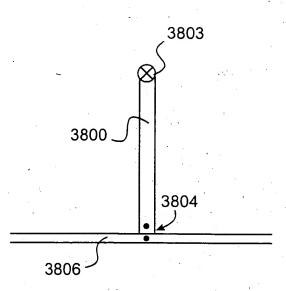
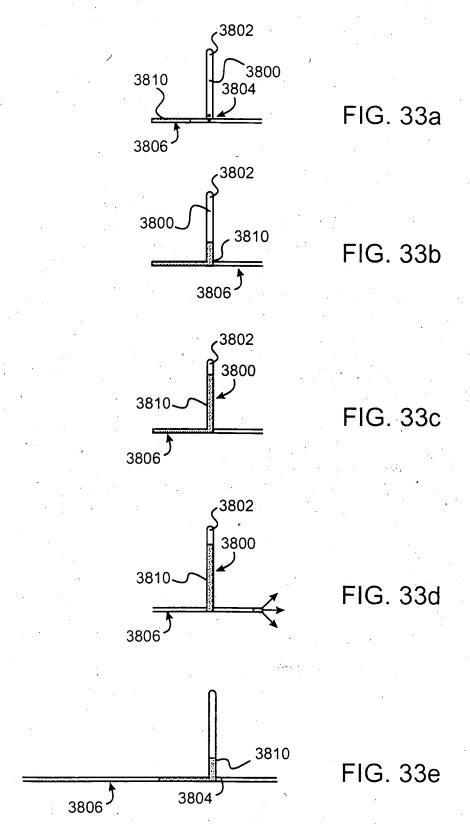


FIG. 32c



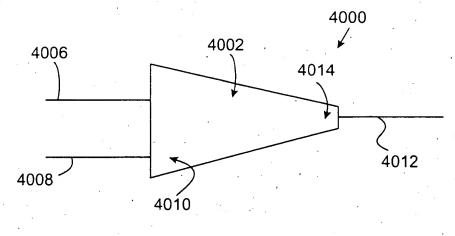
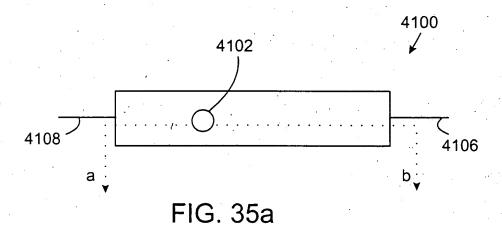


FIG. 34



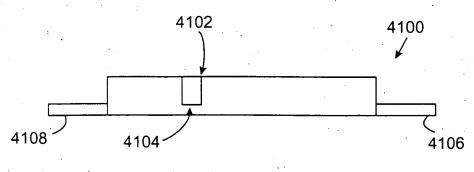


FIG. 35b

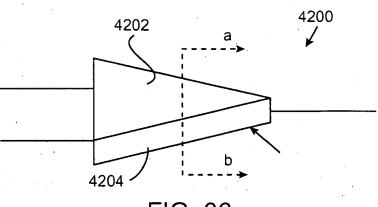


FIG. 36a

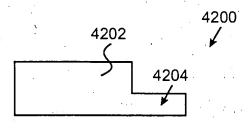
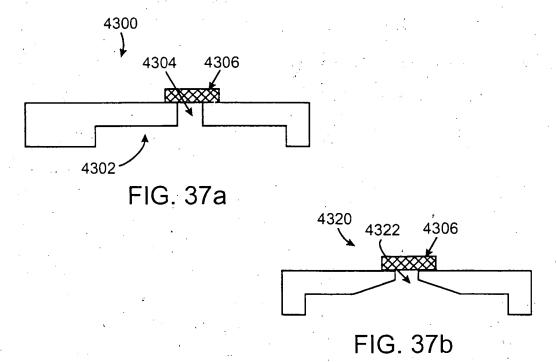


FIG. 36b



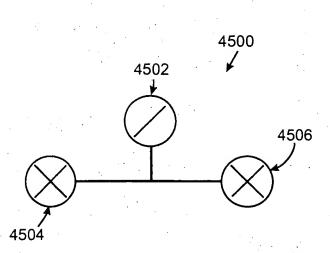


FIG. 38

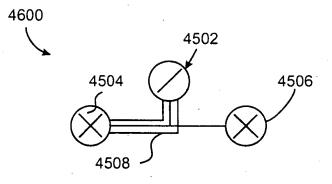


FIG. 39a

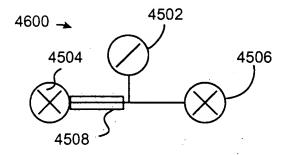


FIG. 39b

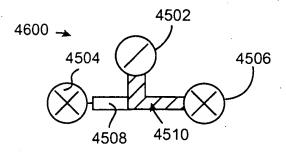


FIG. 39c

FIG. 40

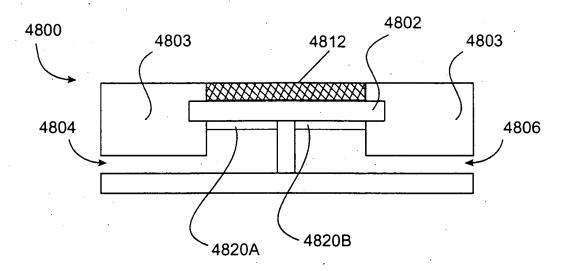


FIG. 41

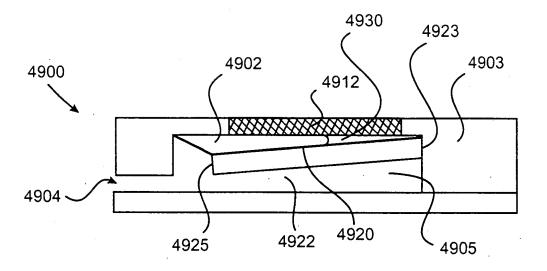


FIG. 42

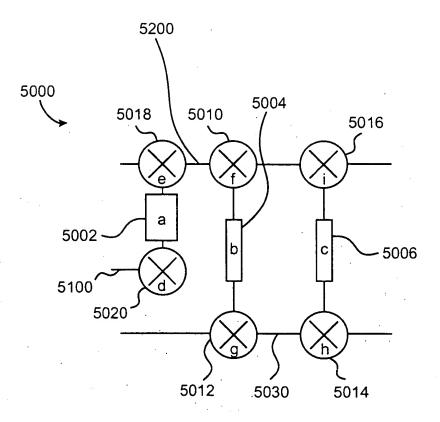


FIG. 43

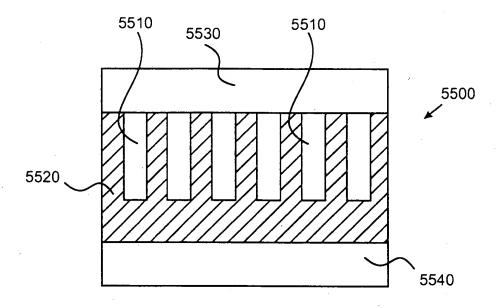


FIG. 44a

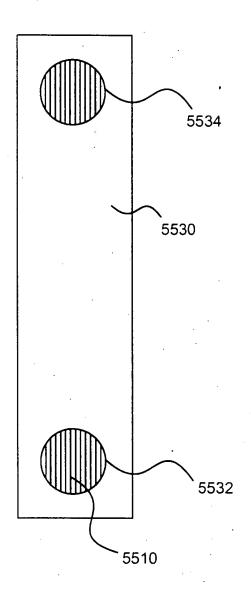


FIG. 44b

Transient heating in water

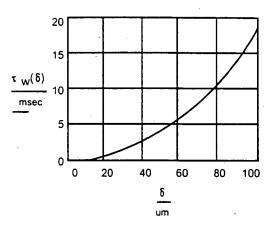


FIG. 44c

Half-gap required in flow-through heating structure (water, L=1 mm, w=10, 100, 500 um)

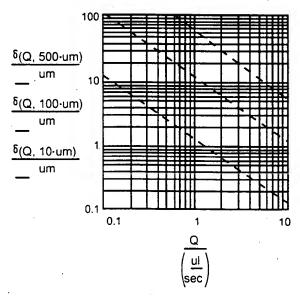


FIG. 44d

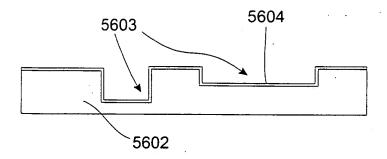


FIG. 45a

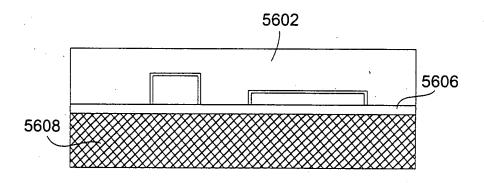


FIG. 45b

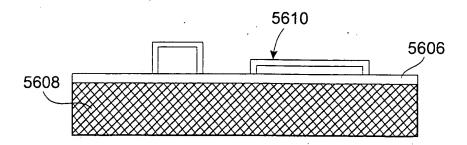


FIG. 45c

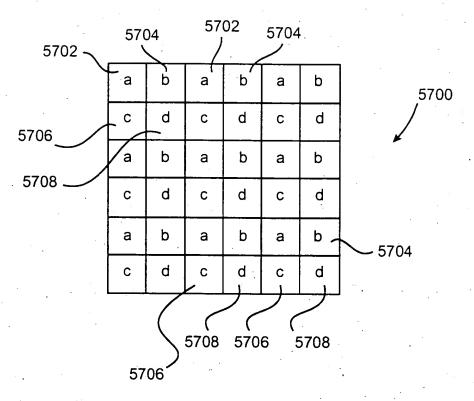


FIG. 46a

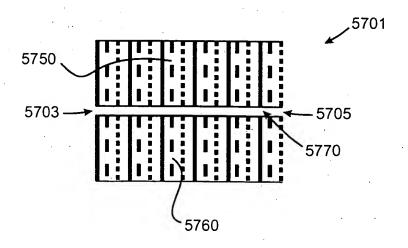


FIG. 46b

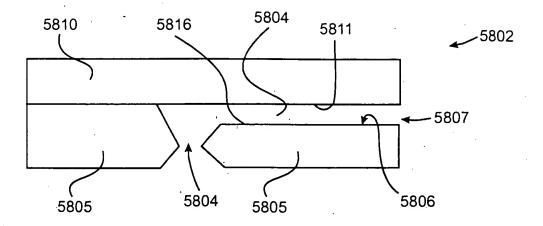


FIG. 47a

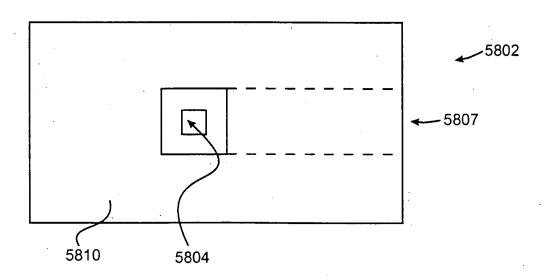


FIG. 47b

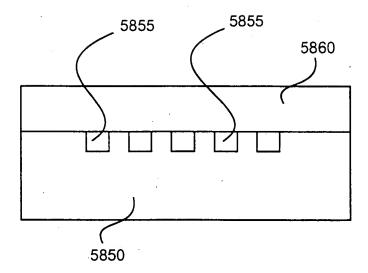


FIG. 47c

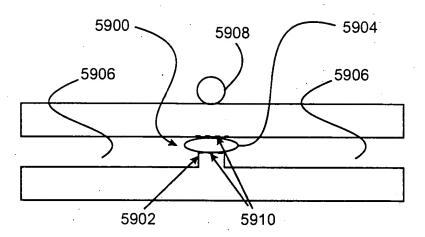


FIG. 48

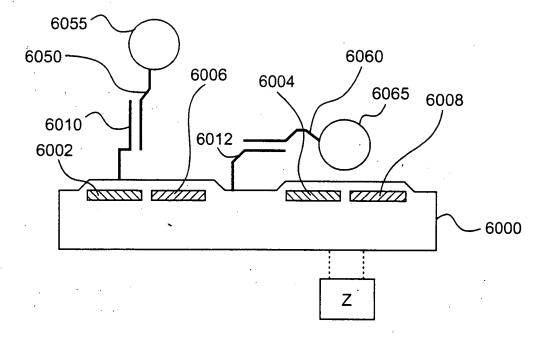
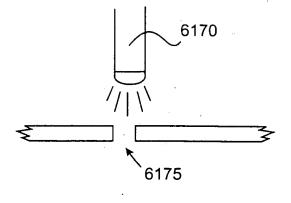


FIG. 49



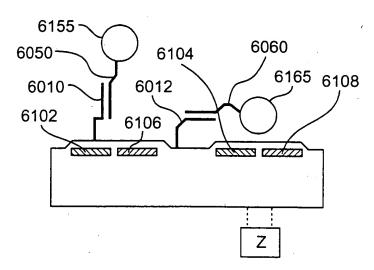


FIG. 50

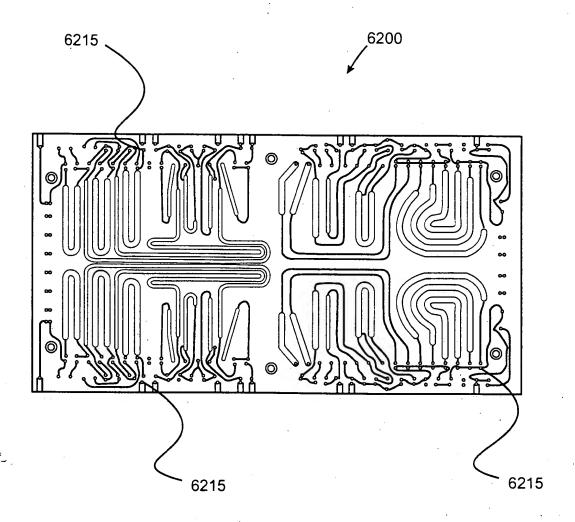


FIG. 51

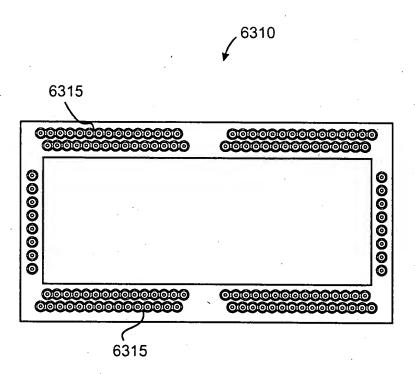


FIG. 52

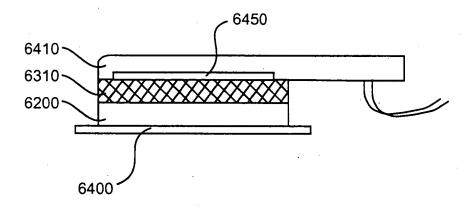
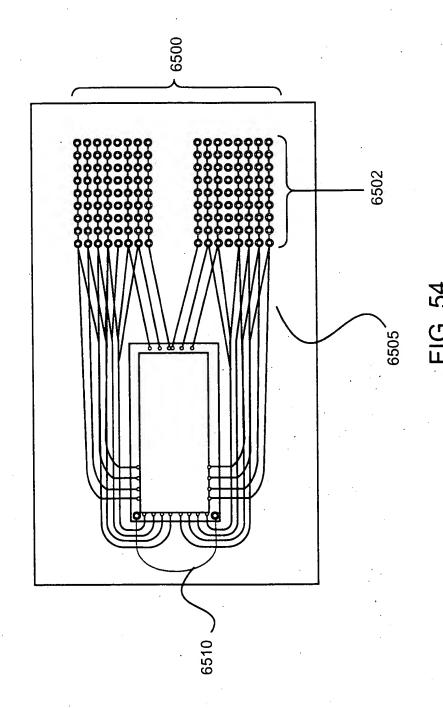


FIG. 53



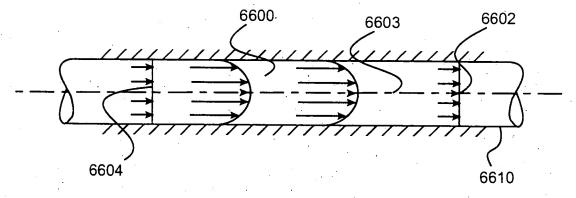


FIG. 55a

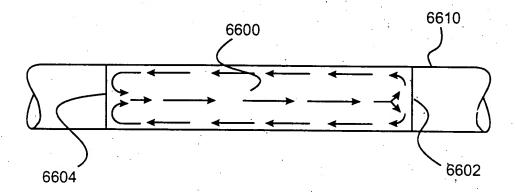


FIG. 55b